

Amendments to the Claims

1. (Currently Amended) A method for rebalancing an existing bandwidth allocation to a plurality of devices connected to a computer system via a bus, the method comprising:
intercepting a failure of a request by a first device to obtain bandwidth;
~~requesting a rebalancing module to re-balance~~ the existing bandwidth allocation to the plurality of devices connected to the bus ~~wherein the rebalancing module may change the bandwidth allocations to the plurality of devices connected to the bus and request a particular device to~~ by requesting that a second device change its ~~particular bandwidth allocation~~ bandwidth allocation in accord with a policy, wherein the policy is based, at least in part, on a preference for allocating bandwidth to one device over another; and
~~utilizing, if the particular device~~ second device fails to change its ~~particular bandwidth allocation, an option to reset then resetting the particular device~~ second device to release the second device's entire ~~particular bandwidth allocation as part of the rebalancing;~~
and
~~completing the rebalancing by the rebalancing module including a generation of optional messages~~ bandwidth allocation.
2. (Original) The method of claim 1 where the bus is a Universal Serial Bus (USB).
3. (Original) The method of claim 1 where the bus is a "FireWire" bus.
4. (Currently Amended) The method of claim 2 1 wherein rebalancing requires no input from a user and is transparent to the user.
5. (Cancelled)
6. (Currently Amended) The method of claim 2 1 wherein the method is implemented using a user-mode application and a user-mode to kernel-mode interface.
7. (Currently Amended) The method of claim 6 wherein the interface between the user-mode ~~to and the~~ and the kernel-mode is a "WMI" interface.
8. (Cancelled)

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9. (Currently Amended) The method of claim 2 wherein a ~~hub driver~~ hub driver corresponding to a hub connected to the USB intercepts the failure of the ~~first device bandwidth request~~ first device's request.
10. (Currently Amended) The method of claim 2 wherein a ~~Host~~ host controller intercepts the failure of the ~~first device bandwidth request~~ first device's request.
11. (Cancelled)
12. (Currently Amended) The method of claim 2 1 wherein the policy ~~includes that is based, at least in part, on a preference for allocating~~ is based, at least in part, on a preference for allocating bandwidth resources ~~required by to~~ required by a currently running application ~~are preferred over requirements of a minimized application~~.
13. (Currently Amended) The method of claim 2 1 wherein the policy ~~includes that is based, at least in part, on a preference for allocating~~ is based, at least in part, on a preference for allocating bandwidth resources ~~required by a first to an~~ required by a first to an application ~~are preferred over requirements of a second application if the output of the first application is running in the foreground relative to the output of the second application~~.
14. (Currently Amended) The method of claim 2 1 wherein the policy ~~includes that is based, at least in part, on a preference for allocating~~ is based, at least in part, on a preference for allocating bandwidth resources, ~~required by to a most-recently-used application~~ most recently used application, ~~are preferred over requirements of other applications~~.
15. (Currently Amended) The method of claim 2 wherein the policy ~~includes that the bandwidth request by the~~ is based, at least in part, on a preference for a latest device connected to the USB ~~is preferred over other requests~~.
- 16-18. (Cancelled)

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19. (Currently Amended) A computer readable medium having computer-executable instructions for performing ~~the steps recited in claim 2~~ a method for rebalancing an existing bandwidth allocation to a plurality of devices connected to a computer system via a bus, the method comprising:
 intercepting a failure of a request by a first device to obtain bandwidth;
 rebalancing the existing bandwidth allocation to the plurality of devices connected to the bus by requesting that a second device change its bandwidth allocation in accord with a policy, wherein the policy is based, at least in part, on a preference for allocating bandwidth to one device over another; and
 if the second device fails to change its bandwidth allocation, then resetting the second device to release the second device's entire bandwidth allocation.
- 21-37. (Cancelled)
38. (New) The method of claim 1 wherein the policy is based, at least in part, on a preference for allocating bandwidth resources to a most frequently running application.
39. (New) The method of claim 1 wherein the policy is based, at least in part, on a preference set by a user of the computer system.